

SEQ ID NO 83	MILDTDYITKDGKPIIRIFKKENGFEK---IELDPHFQPYIYALLKDDSAIEEIKAIKGERHGKTVR-VLDAVKVRKKFLGREV	80
SEQ ID NO 84	MILDTDYITKDGKPIIRIFKKENGFEK---IELDPHFQPYIYALLKDDSAIDEIKAIKGERHGKIVR-VVDAVKVKKFLGRDV	80
SEQ ID NO 85	MIIDADYITEDGKPIIRIFKKKEGFEK---VEYDRTFRPYIYALLKDDSAIDEITA---ERHGKIVR-ITEVEKVQKKFLGRPI	80
SEQ ID NO 86	MILDADYITEDGKPIIRIFKKENGFEK---VEYDRNFRPYIYALLRDDSAIDEIKKITAQRHGKVVR-IVETEKIQRKFLGRPI	80
SEQ ID NO 87	MIIDADYITEDGKPIIRIFKKKEGFEK---VEYDRTFRPYIYALLKDDSAIDEVKKITAERHGKIVR-ITEVEKVQKKFLGRPI	80
SEQ ID NO 88	MILDADYITEDGKPIIRIFKKKEQGEFK---VEYDRNFRPYIYALLKDDSQIDEVRKITAERHGKIVR-IIDAEKVRKKFLGRPI	80
SEQ ID NO 89	MILDVDYITEEGKPVIRLFKKENGKFK---VEHDRTFRPYIYALLRDDSKIEEVKKITGERHGKIVR-IVDVEKVEKKFLGKPI	80
SEQ ID NO 90	MILDVDYITENGKPVIRVFKKENGFEK---IEYDREFEPYFYALLRDDSAIEEIKKITAERHGRVVK-VKRAEKVKKFLGRSV	80
SEQ ID NO 91	MILDTDYITENGKPVIRVFKKENGFEK---IEYDRTFEPTFYALLKDDSAIEDVKKVTAKRHGTVVK-VKRAEKVQKKFLGRPI	80
SEQ ID NO 92	MILDTDYITEDGKPVIRIFKKENGFEK---IEYDRTFEPYFYALLKDDSAIEEVKKITAERHGTVVT-VKRVEKVQKKFLGRPV	80
SEQ ID NO 93	MILDTDYITEDGKPVIRIFKKENGFEK---IDYDRNFEPYIYALLKDDSAIEDVKKITAERHGTTVR-VVRAEKVKKFLGRPI	80
SEQ ID NO 94	MILDTDYITEDGRPVIRVFKKENGFEK---IEYDRDFEPYIYALLKDDSAIEDVKKITASRHGTTVR-VVRAGKVKKFLGRPI	80
SEQ ID NO 95	VLLDIDYVTVDEVPVIRLF GKDKSGGNEPIIAHDSFRPYIYAIP TDLDECLRELEEELEKLEV-----KEMRDLGRPT	81
SEQ ID NO 96	ALIDNTYKTIEDKAVIYLYLINS-----ILKDRDFKPYFYVELHKEKVENEDIEKIKEFLLKNDLLKFVENIEVKKIILRK	88
SEQ ID NO 97	VLLDSSYEILGKEPVVILWGITLDGKR--VVLLDHRFRPYFYALIARGYEDMVEEIAASIRRLSVVKSPIIDAKPLDKRYFGRP	89
SEQ ID NO 98	SRVVVFYG-----EFRPYFYVLPDGSVGLDQLAAMIRRLSRPSSP-ILSVERVRRRFIGREV	74
SEQ ID NO 99	WLIDADYETIGGKAVVRLWCKDDQGIF---VAYDYNFDPYFYVIGVDEDILKNAATSTRREVIKLS----FEKAQLKTLGREV	83
SEQ ID NO 100	MILDADYITEDGKPVIRVFKKEGFEK---IDYDRDFEPYIYALLKDDSAIEDIKKITAERHGTTVR-VTRAERVKKFLGRPV	80
SEQ ID NO 101	MILDTDYITENGKPVIRVFKKENGFEK---IEYDRTFEPYFYALLKDDSAIEDVKKVTAKRHGTVVK---RAEKVQKKFLGRPI	80
SEQ ID NO 102	WLIDADYETIGGKAVVRLWCKDDQGIF---VAYDYNFDPYFYVIGVDEDILKNAATSTRREVIKLS----FEKAQLKTLGREV	83
SEQ ID NO 103	MDLDYNSKDLCIDMYKNCGLKKPEIN-LQKECEFKPYFYVDTSEPKEIYDYL DGLNQEIDLKKLEPEFENNTSLKVQDLIT	81
SEQ ID NO 104	WPLDITYAVVGSVPEIRIFGILSSGERV--VLIDRSFKPYFYVDCAVCEPAALKTALS RVAPIDDVQIVERFLGRSK	81
SEQ ID NO 105	LLVSATYDSQAGAVVLKFYEPESQKIVH--WTDNTGHKPYCYTRQPPSELGELEG-REDVLG-TEQVMRHDLIADKDV	87
SEQ ID NO 106	FLLQVDYDGKKSRAVCKLYDKEGKKIYI---QDESGHKPYFLTDIDPDKNKITKVVRDPSFDHLELI----NKVDPYTGKKI	127
SEQ ID NO 107	FLLQVDYDGKKS KAICKLYDKETKKIYI-L-YDNTGHKPYFLTDIDPEKVNKIPKVVRDPSFDHLETV----IKIDPYSGNKI	128
SEQ ID NO 108	FLLQVDYDGKKGKAVCKLFDKETQKIYA-L-YDNTGHKPYFLVDLEPKVGKIPKIVRDPSFDHIETV----SKIDPYTNWKF	128

SEQ ID NO 83	EVW-----KLIFEHPQDVPAMRGKIREHP-----AVVDIYEYDIPFAKRYLIDK	124
SEQ ID NO 84	EVW-----KLIFEHPQDVPALRGKIREHP-----AVIDIYEYDIPFAKRYLIDK	124
SEQ ID NO 85	EVW-----KLYLEHPQDVPAIREKIREHP-----AVVDIFEYDIPFAKRYLIDK	124
SEQ ID NO 86	EVW-----KLYLEHPQDVPAIRDKIREHP-----AVVDIFEYDIPFAKRYLIDK	124
SEQ ID NO 87	EVW-----KLYLEHPQDVPAIREKIREHP-----AVVDIFEYDIPFAKRYLIDK	124
SEQ ID NO 88	EVW-----RLYFEHPQDVPAIRDKIREHS-----AVIDIFEYDIPFAKRYLIDK	124
SEQ ID NO 89	TVW-----KLYLEHPQDVPTIREKVPREHP-----AVVDIFEYDIPFAKRYLIDK	124
SEQ ID NO 90	EVW-----VLYFTHPQDVPAIRDKIRKHP-----AVIDIYEYDIPFAKRYLIDK	124
SEQ ID NO 91	EVW-----KLYFNHPQDVPAIRDRIRAHP-----AVVDIYEYDIPFAKRYLIDK	124
SEQ ID NO 92	EVW-----KLYFTHPQDVPAIRDKIREHP-----AVIDIYEYDIPFAKRYLIDK	124
SEQ ID NO 93	EVW-----KLYFTHPQDVPAIRDKIKEHP-----AVVDIYEYDIPFAKRYLIDK	124
SEQ ID NO 94	EVW-----KLYFTHPQDVPAIRDKIREHP-----AVVDIYEYDIPFAKRYLIDK	124
SEQ ID NO 95	EVI-----RIEFRHPQDVPKIRDRIKLE-----SVRDIREHDIPFYRRYLIDK	127
SEQ ID NO 96	EKE-----VIKIIATHPQKVPKLRKIKE-----CEIVKEIYEHDPFAKRYLIDN	135
SEQ ID NO 97	RKAV-----KITTMIPESVRHYREAVKKIE-----GVEDSLEADIRFAMRYLIDK	136
SEQ ID NO 98	EAL-----KVTTLPASVREYREAVRRLG-----GVRDVLEADIPFALRYIIDF	118
SEQ ID NO 99	E-----GYIVYAHHPQHVPKLRDYLSQL-----FGDVREADIPFAYRYLIDK	126
SEQ ID NO 100	EVW-----KLYFTHPQDVPAIRARDKIREHPA-----VVDIYEYDIPFAKRYLIDR	126
SEQ ID NO 101	EVW-----KLYFNHPQDVPAIRDRIRAHP-----AVVDIYEYDIPFAKRYLIDK	126
SEQ ID NO 102	E-----GYIVYAHHPQHVPKLRDYLSQL-----FGDVREADIPFAYRYLIDK	127
SEQ ID NO 103	NIEII EKIVYSDYILNGKDISEVDFKNKKERKICKVYVKYPNHVKIIREYF-----KEFGKSYEFDIPFLRRYMIDQ	155
SEQ ID NO 104	K-----FLKVI AKIPEDVRKLREAAAMSIP-----VSGVYEDIRFYMRYMIDMG	130
SEQ ID NO 105	P-----VTKITVADPLAIGGTNSEKSIRNIMDTWESDIKYENYLYDKSLVVGRI	136
SEQ ID NO 106	RLT-----KIVVKDPLAVRRMRSS-----LPKAYEAHIKYNNYVYDN	166
SEQ ID NO 107	KLT-----KIVVKDPLAVRRMRNS-----VPKAYEAHIKYFNYYIYDL	166
SEQ ID NO 108	KLT-----KIVVRDPLAVRRLRND-----VPKAYEAHIKYFNYYMYDI	166

SEQ ID NO 83 -----GLIPMEGDEE 133
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SEQ ID NO 87 -----GLTPMEGNEE 133
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SEQ ID NO 89 -----GLIPMEGEEE 133
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